

crypt. Tracts  
(Fungi)

With the author's Comments



CAB INTERNATIONAL  
MYCOLOGICAL INSTITUTE  
LIBRARY

15 MAY 1991

CAMPBELL, R.

"Reprinted from the Canadian Record of Science, Vol. IX., No. 2,  
for July, 1903, issued December, 1903."

## CANADIAN FUNGI.

BY ROBERT CAMPBELL, D.D., M.A.

Thus far the reports of the Geological Survey of Canada have not listed the fungi of the Dominion. No very considerable number of this family of plants found in Canada has been reported or published hitherto. In the "Canadian Naturalist," Vol. II. (New Series), issued in 1865, there is found, pp. 390-3, "A Provisional Catalogue of Canadian Cryptogams," by Mr. D. A. P. Watt, which includes a list of the "Alliance Fungales" of our country, as known at that date. Those collecting at that time had, however, confined themselves mainly to the microscopic forms. Since then Mr. J. Dearness, of London, Ontario, has prosecuted the study of the latter, the *Physomyces*, but his collections have been reported mainly in American magazines, although two papers from him bearing on this subject have appeared in this journal (Volumes V. and VIII). The undersigned list, collected partly at Cap-a-L'aigle, in July and August, 1902, and partly around Montreal, in September and October, 1902, and from August to October, 1903, embraces 129 species. Of these only about 25 are mentioned in Mr. Watt's catalogue, without any information as to where and when they were found.

20 MAR 1911

In late years, much attention has been given to the native mushrooms or toadstools of this continent by the botanists of the United States, resulting in several important publications on the subject. I have availed myself of the information and descriptions given in three of these publications—"Studies of American Fungi," by Prof. George Francis Atkinson, of Cornell University; "Students' Handbook of Mushrooms of America," by Dr. Thomas Taylor, Chief of the Division of Microscopy, United States Department of Agriculture; and the "Reports of the New York Museum of Natural History," by Prof. C. H. Peck, State Botanist. I have not had access to the larger and more recent volume of Mr. Charles McIlvaine, of Philadelphia.

Special interest in this subject was first awakened in Montreal by a paper communicated to the Natural History Society by Miss Mary Van Horne in the winter of 1902, in which she described some sixty odd species which she and her niece, Miss Agnes Van Horne, had collected around their summer home at St. Andrews, New Brunswick. The list then submitted and described, it is hoped, will yet be given to the readers of the RECORD OF SCIENCE. Of the species given below, it will be observed that the number reported as edible is vastly greater than that of the poisonous ones. The knowledge of this fact has created a good deal of popular curiosity, for the word toadstool has generally been regarded as ominous—something to be avoided. Now that many species are found to be delicious and nutritious, it may be expected that this branch of botanical study will obtain new recruits. So distinct are the mushrooms from other vegetable organisms that a person who knows little or nothing of botany generally may take up the subject and prosecute it successfully. The subjoined list contains the substance of two papers submitted to the Natural History Society of Montreal. The order followed is that observed in Prof. Atkinson's work.



## BASIDIOMYCETES.

## HYMENOMYCETES.

## AGARICACEÆ—GILL-BEARING FUNGI.

## (PURPLE BROWN SPORED AGARICS.)

*Agaricus silvaticus* Schaeff. (Edible.) Edge of woods, Cap-a-L'aigle, July.

*Hypholoma sublateritium* Schaeff. (Edible.) Mount Royal, August.

*Hypholoma appendiculatum* Bull. (Edible.) Mount Royal Cemetery, October.

*Stropharia semiglobata* Batsch. In fields, Cap-a-L'aigle, August.

## (BLACK-SPORED AGARICS.)

*Coprinus comatus* Fries. (Edible.) Mount Royal Cemetery, October.

*Coprinus atramentarius* (Bull) Fries. (Edible.) Mount Royal Cemetery, Westmount and Fort Street, August-October.

*Coprinus micaceus* (Bull) Fries. (Edible.) Mount Royal Cemetery, McGill College Grounds and St. Famille Street, July-October.

*Panaeolus retirugis* Fries. Mount Royal Cemetery, July.

*Psathyrella disseminata* Pers. At the foot of maple tree, Cemetery Road, May.

## (WHITE-SPORED AGARICS.)

*Amanita Muscaria* Linn. (Poisonous.) Under spruces, Cap-a-L'aigle, August.

*Amanita phalloides* Fries. (Deadly poisonous.) Edge of wood, Cap-a-L'aigle, August.

*Amanita verna* Bull. (Deadly poisonous.) Under spruces, Cap-a-L'aigle, August.

*Amanita Caesarea* Scop. (Edible.) Under spruces, Cap-a-L'aigle, August.

*Amanita solitaria* Bull. (Edible.) In white birch woods, Cap-a-L'aigle, July.

*Amanitopsis vaginata* (Bull) Roz. (Edible.) On the ground, Mount Royal, August.

*Amanitopsis farinosa* Schw. Under white birch trees, Cap-a-L'aigle, August.

*Lepiota naucina* Fries. (Edible.) On the ground, Hochelaga Bank, July.

*Lepiota cristata* A. and S. (Edible.) On the ground, Mount Royal Park, July.

*Armillaria Mellea* Vahl. (Edible.) On the ground, Mount Royal Park, August.

*Tricholoma personatum* Fries. (Edible.) On the ground, Cap-a-L'aigle, July.

*Tricholoma sejunctum* Sowerb. (Edible.) On the ground, Cemetery, October.

*Clitocybe candida* Bres. (Edible.) On the ground, Cemetery, October; Cap-a-L'aigle, August.

*Clitocybe illudens* Schw. (Not edible.) At root of stump, Pte-aux-Trembles, September.

*Collybia radicata* Rehl. (Edible.) On the ground, Petite Cote Woods, August.

*Collybia fusipes* Bull—"spindle-foot collybia." (Edible.) McGill College Grounds, Mount Royal Cemetery, October.

*Mycena galericulata* Scop. (Edible.) On rotten log, Cap-a-L'aigle, August.

*Mycena pura* Pers. On rotten log, Cap-a-L'aigle, August.

*Mycena vulgaris* Pers. On decayed stump, Mount Royal Park, August.

*Mycena aciculata* Schaeff. On decayed trunk, Cap-a-L'aigle, August.

*Mycena haematopa* Pers. On rotten stump, Hochelaga Bank, July.

*Omphalia campanella* Batsch. On oak stump, Westmount, August.

*Omphalia epichysium* Pers. On logs, Westmount, August.



*Pleurotus ulmarius* Bull. (Edible.) Growing out of end of elm log, Longue Pointe, September.

*Pleurotus ostreatus* Jacq. (Edible.) On decaying log, Mount Royal Park, September.

*Pleurotus Sapidus* Kaleb. (Edible.) On dead trunk of tree, Mount Royal Cemetery, August.

*Pleurotus dryinus* Pers. (Edible.) On an oak tree at St. Anne's, September.

*Pleurotus sulphuroides* Pk. On a decaying log, Petite Cote Woods, September.

*Pleurotus petaloides* Bull. (Edible.) At foot of maple stump, Mount Royal Park, September.

*Pleurotus applicatus* Batsch. On under side of rotting oak log, September.

*Hygrophorus chrysodon* (Batsch) Fries. (Edible.) On the ground, at edge of Cemetery Woods, September.

*Hygrophorus eburneus* (Bulliard) Fries. (Edible.) Under the pines, top of Mount Royal, October.

*Hygrophorus fuliginosus* Frost. (Edible.) In Cemetery Woods, October.

*Hygrophorus miniatus* Fries. On the ground in the Cemetery Woods, October.

*Hygrophorus coccineus* (Schaeff) Fries. On the ground in Mount Royal Woods, September.

*Lactarius volemus* Fries. (Edible.) On the ground in Bagg's Woods, July.

*Lactarius fuliginosus* Fries. On the ground in woods, Cap-a-L'aigle, August.

*Lactarius piperatus* (Scop) Fries. On the ground in Bagg's Wood, July.

*Lactarius chelidonium* Pk. (Edible.) On the ground in woods at Cap-a-L'aigle, August.

*Russula alutacea* Fries. (Edible.) On the ground in woods at Cap-a-L'aigle, July and August.

*Russula lepida* Fries. (Edible.) On the ground in Mount Royal Woods and in woods at Cap-a-L'aigle, August.

*Russula virescens* (Schaeff) Fries. (Edible.) On the ground in Mount Royal Woods, September.

*Russula fragilis* (Pers.) Fries. On the ground in woods at Cap-a-L'aigle and on Mount Royal, July and August.

*Russula emetica* Pr. (Poisonous.) Very common in the woods on Mount Royal and at Cap-a-L'aigle, July and August.

*Russula adusta* (Pers.) Fries. On the ground in Bagg's Woods, September.

*Cantharellus cibarius* Fries. (Edible.) On the ground under spruces near the St. Lawrence, Cap-a-L'aigle, August.

*Cantharellus aurantiacus* Fries. On rotten log, Cap-a-L'aigle, August.

*Marasmius oreades* Fries. (Edible.) Common on Fletcher's Field and in cemetery lots, July-October.

*Marasmius cohærens* (Fries) Bres. At foot of rotten stump, Inverness, October.

*Lentinus vulpinus* (Fries). On a decaying bass-wood, Westmount Woods, July.

*Lentinus lepideus* Fries. On underside of fallen maple, Cemetery Woods, September.

*Schizophyllum alneum* (L.) Schroet. On fallen log, St. Anne's, September.

*Trogia crispa* Fries. On fallen white birch, St. Anne's, September.

#### (ROSY-SPORED AGARICS.)

*Pluteus cervinus* Schaeff. (Edible.) Common on Mount Royal, in the Cemetery and Cap-a-L'aigle Woods, July-September.

*Clitopilus primulus* scop. (Edible.) On plot of made ground, Mount Royal Cemetery, October.

*Entoloma jubatum* Fries. On the ground in Bagg's Wood, September.

*Entoloma grayanum* Pk. In hollow in Mount Royal Woods, August.



*Entoloma strictius* Pk. On grassy plots in Mount Royal Cemetery, October.

*Leptonia asprella* Fries. On the grounds in Westmount Woods, September.

*Leptonia incana* Fries. In backyard, St. Famille Street, August.

*Claudopus nidulans* (Pers.) Pk. On side of fallen tree in Mount Royal Cemetery, September.

(OCHRE-SPORED AGARICS.)

*Pholiota praecox* Pers. (Edible.) In grass, Cap-a-L'aigle, July.

*Naucoria semi-orbicularis* Bull. (Edible.) On lots in Mount Royal Cemetery, September.

*Naucoria Vernalis* Pk. In Woods, St. Michel, August.

*Hebeloma crustinuliforme* Bull. In Mount Royal Cemetery, September.

*Tubaria pellucida* Bull. On top of rotten stump, St. Michel Woods, August.

*Crepidotus Versutus* Pk. On underside of rotten oak log, September.

*Cortinarius Violaceus* (L.) Fries. (Edible.) On the ground in woods near the St. Lawrence, Cap-a-L'aigle, August.

*Cortinarius ochroleucus* (Schaeff) Fries. On the ground in Mountain Woods, Cap-a-L'aigle, August.

*Paxillus involutus* (Batsch) Fries. (Edible.) In grass at edge of Mountain Woods, Cap-a-L'aigle, August.

*Paxillus corrugatus* Atkinson. On decaying spruce tree, Hochelaga Woods, September.

II. POLYPORACEÆ—TUBE-BEARING FUNGI.

*Boletus edulis* Bull. (Edible.) Common on ground, in hard woods, Mount Royal and Cap-a-L'aigle, July-September.

*Boletus felleus* Bull. (Bitter.) On hemlock stump, Cap-a-L'aigle, August.

*Boletus retipes* B. and C. In woods near St. Lawrence, Cap-a-L'aigle, August.

*Boletus vermiculosus* Pk. On the ground in high woods, Cap-a-L'aigle, August.

*Boletus Americanus* Pk. On ground under spruces, near St. Lawrence, Cap-a-L'aigle, August.

*Boletinus porosus* (Berk.) Pk. On ground in woods, Cap-a-L'aigle, August.

*Fistulina hepatica* Fries. (Edible.) On oak stump, Westmount, September.

*Fistulina pallida* B. and Rav. At foot of elm stump, Longue Pointe, September.

*Polyporus frondosa* Fries. (Edible.) On stump of bass-wood, Mount Royal Cemetery, September.

*Polyporus umbellatus* Fries. At root of beech stump; Inverness, October.

*Polyporus intybaceus* Fries. At root of oak stump, Mount Royal Cemetery, July.

*Polyporus sulphureus* (Bull) Fries. (Edible.) On oak stump, Westmount, July.

*Polyporus brumalis* (Pers) Fries. On decaying maple log, Westmount, July.

*Polystictus perennis* Fries. On side of fallen oak, Mount Royal Park, September.

*Polystictus connatus* Schw. On fallen white birch, Salmon River, August.

*Polystictus versicolor* (L.) Fries. On decayed oak, Mount Royal Cemetery, August.

*Polystictus hirsutus* Fries. On fallen elm, Mount Royal Park, September.

*Polystictus Pergamenus* Fries. On fallen maple tree, Petite Cote Woods, August.

*Polyporus giganteus* Fries. At foot of a maple stump, Mount Royal Park, October.

*Polyporus applanatus* (Pers.) Fries. Common on wounded maple trees and dead trunks, September.



*Polyporus sinuosus* Fries. On decaying maple stump, Longue Pointe.

*Polyporus lucidus* (Leys.) Fries. On decayed trunk of white spruce, Hochelaga Woods, June.

*Polyporus betulinus* Fries. On decayed white birch, St. Anne's and Hochelaga Woods, September.

*Polyporus leucophæus* Mont. On wound in maple tree, Montreal, September.

*Polyporus pinicola* (Swartz) Fries. On dead spruce, Hochelaga Woods, August.

*Polyporus ignarius* (L.) Fries. On decayed birch, Mount Royal Park, September.

*Dædalea ambigua*. On side of a maple tree, St. Anne's, September.

### III. HYDNACEÆ—HEDGEHOG FUNGI.

*Hydnum coralloides* Scop. (Edible.) On the ground, under spruces, near St. Lawrence, Cap-a-L'aigle, August.

*Hydnum caput-ursi* Fries. On wound on side of an Elm tree, St. Anne's, September.

*Hydnum repandum* L. (Edible.) On the ground in woods, Cap-a-L'aigle, August.

*Hydnum imbricatum* L. (Edible.) On the ground on the hillside, under white birch, Cap-a-L'aigle, August.

*Hydnum putidum* Atkinson. On dry hillside, under spruce, Cap-a-L'aigle, July and August.

### IV. CLAVARIACEÆ—CORAL FUNGI.

*Sparassis crispa* Fries. (Edible.) On stump off Greene Avenue, November.

*Clavaria formosa* Pers. (Edible.) On ground, under spruce trees, near St. Lawrence, Cap-a-L'aigle, August.

*Clavaria botrytes* Pers. (Edible.) In lane, under spruce, near St. Lawrence, Cap-a-L'aigle, August.

*Clavaria pistillaris* Linn. (Edible.) On the ground in high woods, Cap-a-L'aigle, August.

*Clavaria mucida* Pers. On top of rotten stump, Hochelaga Woods, Cap-a-L'aigle, August.

## V. TREMELLINÆ—TREMBLING FUNGI.

*Tremella frondosa* Fries. On rotten wood, Cap-a-L'aigle, August.

*Tremella fuciformis* Berk. On ground, under spruce trees, near St. Lawrence, Cap-a-L'aigle, August.

*Gyrocephalus rufus* (Jacq.) Bref. From dead root, under ground, Cap-a-L'aigle, August.

## VI. TELEPHORACEÆ.

*Craterellus cantharellus* (Schw) Fries. (Edible). On the ground, Cemetery Woods, August.

## GASTEROMYCETES.

## VII. LYCOPERDACEÆ—PUFF-BALLS.

*Lycoperdon giganteum* Batsch. (Edible.) In pasture field, Cap-a-L'aigle, July.

*Lycoperdon cyathiforme* Bosch. (Edible.) In grassy fields, Cap-a-L'aigle, August.

*Lycoperdon gemmatum* Batsch. (Edible.) In goose-pasture, Cap-a-L'aigle, July and August.

*Lycoperdon pyriforme* Schaeff. (Edible.) On top of decayed basswood stump, October.

*Bovista plumbea* Pers. (Lead colored.) In pasture field, Cap-a-L'aigle, August.

*Scleroderma vulgare* Fries. On the ground, in woods, Cap-a-L'aigle, August.

*Scleroderma verrucosum* Fries. On the ground, in woods, Mount Royal Park, August.

## VIII. PHALLOIDEÆ—STINK-HORN FUNGI.

*Dictyophora ravenelii* (B. & C.) Burt. On ground, Mount Royal Cemetery, October.

## ASCOMYCETES.

## IX. MORCHELLÆ—MORELS.

*Morchella esculenta* Pers. (Edible.) Woods at St. Anne's and Westmount, June.



X. HELVELLÆ—CUP-FUNGI.

*Spathularia velutipes* Cooke and Farlow. On the ground,  
Cap-a-L'aigle, August.

*Leotia lubrica* Pers. On rotting stump, Bagg's woods,  
August.

*Sarcoscypha floccosa*. On high bank of St. Lawrence  
river, Cap-a-L'aigle, August.

